MONOSZON, Abram Isaakovich, kand. tekhn. nauk; DOVZHIK, G.A., retsenzent; TSALALIKHIN, M.S., retsenzent; FILIPPOV, N.A., inzh., nauchnyy red.; BESPALOV, I.V., red. izd-va; PUL'KINA, Ye.A., tekhn. red.

[Wide-span, precast, prestressed, reinforced concrete galleries] Bol'sheproletnye sbornye predvaritel'no napriazhennye zhelezo-betonnye galerei. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 250 p. (MIRA 15:4)

1. Gosudarstvennyy komitet Soveta Ministrov SSSR po delam stroitel'stva (for Dovzhik). 2. Gosudarstvennyy proyektnyy institut stroitel'noy promyshlennosti (for TSalalikhin).
(Reinforced concrete construction)
(Prestressed concrete construction)

GITNIK, Semen Mikhaylovich, inzh.; TREGUBOV, Aleksey Ivanovich, inzh.; GOGOLITSYN, Vladimir Alekseyevich, inzh.; NAZYROV, Abram Davidovich, inzh.; KOVZHIK, G.A., nauchn. red.

[New reinforced concrete elements for wide-span plants and those without skylights; experience of the Construction Administration of the Kuybyshev Hydroelectric Power Station] Novye zhelezobetonnye konstruktsii dlia besfonarnykh i bol'sheproletnykh tsekhov; opyt Kuibyshevgidrostroia. Moskva, Stroiizdat, 1964. 127 p. (MIRA 17:11)

DOVZHIK, L.B.; YEGOROV, V.M.

Introducing current supply circuits for the PK-12M electromagnetic drives of the VMG-133 high-voltage low-oil switches. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.4:39-41 Ap '65. (MIRA 18:5)

DOVZHIK, L.B., inzh.; YEGOROV, V.M., inzh.

Choice of selenium devices for supplying power to switch drives.
Elek. sta 36 no.4:53-55 Ap '65. (MIRA 18:6)

DOVZHIK, M.A.

SHARPENAK, A.E.; DOVZHIK, M.A.; POPKOVA, V.N.; VORONINA, L.M. (Moskva)

The efficacy of the N_5 nonspecific diet during reconvalescence from serious infectious diseases [with summary in English]. Vop.pit. 17 no.2:42-47 Mr-Ap '58. (MIRA 11:4)

1. Iz kafedry biokhimii (zav. - prof. A.E Shapenak) Moskovskogo meditsinskogo stomatologicheskogo instituta i infektsionnogo otdeleniya (nauchnyy rukovoditel' prof. S.I.Ratner) Klinicheskoy bil'nitsy imeni S.P.Botkina.

(DIETS, therapeutic use
infect. dis., evaluation (Rus))
(COMMUNICABLE DISEASES,
infect. dis., ther., with nonspecific diet,
evaluation (Rus))

DOVZHIK, N.S., inzh.; TATSIYENKO, P.A., kand.tekhn.nauk

Prospects for the development of the Kerch ore center. Met. i gornorud. prom. no.2:48-51 Mr-Ap '62. (MIRA 15:11)
(Kerch Basin--Iron mines and mining)

BARISHPOLETS, V.T.; DOVZHIK, N.S.; TATSIYENKO, P.A.

Technology of dressing Kerch tabacco-colored ores.
Gor. zhur. no.12:37-40 D '62. (MIRA 15:11)

1. Kamyshburunskiy zheleznorudnyy kombinat.
(Kerch Peninsula—Ore dressing)
(Iron ores)

KARAMZIN, V.I., prof.; DOVZHIK, N.S.; MALETSKIY, N.A.; GUBIN, G.V.; BUSHEV, V.P.

Using the Krupp-Renn process in processing Kerch Peninsula ores. Obog. rud 9 no.4:27-29 '64. (MIRA 18:5)

DOVZHIK, O., inzh.; RATINOV, V., kand.tekhn.nauk

Effective lubricants for reinforced concrete molds. Na stroi.Ros. no.2:35-36 F '61. (MIRA 14:6)
(Concrete construction—Formwork)

DOVZHIK, O.F.

Leukemoid reactions in children. Vop.okh.mat.i det. 7 no.9: 87-89 S '62. (MIRA 15:12)

1. Iz detskoy bol'nitsy imeni 14 let Oktyabrya (glavnyy vrach - zasluzhennyy vrach RSFSR M.V.Babintseva), Orenburg.
(LEUCOCYTOSIS)

DOVZHIK, O.F.

Congenital ectodermal dusplasia. Pediatriia 42 no.6:68-69 Je'63 (MIRA 17:1)

1. Iz detskoy bol'nitsy imeni "14 let Oktyabrya" (glavnyy vrach zasluzhennyy vrach RSFSR M.V.Babintseva), Orenburg.

SMIRNOVA, I.; DOVZHIK, O.; RATINOV, O.

Investigating some basic properties of gypsum cement binders. (MIRA 11:5)
Stroi. mat. 4 no.4:31-32 Ap '58.
(Gypsum) (Binding materials--Testing)

RATINOV, V.B., kand.khim.nauk; DOVZHIK, O.I., inzh.

Protecting against corrosion the reinforcements of concretes with calcium chloride additives. Bet. i shel.-bet. no.2:92-94 F '59. (MIRA 12:3)

(Reinforced concrete--Corrosion)

S/081/61/000/023/030/061
B138/B101

AUTHORS: Ratinov, V. B., Rozenberg, T. I., Dovzhik, O. I. Kucheryayeva, G. D., Smirnova, I. A.

TITLE: Corrosion inhibitors for reinforcement bars in concrete containing calcium chloride

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 290, abstract, 23I272 (Tr. N.-i. in-ta betona i zhelezobetona Akad. str-va i arkhitekt. SSSR, no. 22, 1961, 40 - 53)

TEXT: An investigation of the mechanism of reinforcement iron corrosion in concrete with additions of $CaCl_2$ and $NaNO_2$ has shown that the process takes place with diffusion control. It is noted that $NaNO_2$ is an effective corrosion inhibitor for reinforcements, due to its power of rapidly creating or healing protective films, passivating the metal thereby. The addition of $NaNO_2$ together with $CaCl_2$ will increase the strength of concrete without making plastic deformation any greater than

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Corrosion inhibitors for reinforcement... S/081/61/000/023/030/061
B138/B101

in concrete without these additions. [Abstracter's note: Complete translation.]

V

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S/081/63/000/002/033/088
B158/B186

AUTHORS: Dovshik, O. I., Yenisherlova, S. O., Matinov, V. B.

TITLE: Corrosion protection of reinforcement metal in gas concrete

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 337, abstract 2K100 (Sb. tr. Gos. n.-i. in-t zheleznobeton. indelly, stroit. i nerudn. materialov, no. 6, 1962, 124-131)

TEXT: Laboratory experiments were conducted on corrosion and protection of reinforcement metal in gas concrete produced on perhydrol and Al powder acting as gas producers. A method of accelerated testing was developed. It was shown that it is in principle possible to reduce the corrosion rate of reinforcement metal in gas concrete by treating the parts with vapors of $Mg(NO_2)_2$ - an anticorrosive admixture which acts as a volatile corrosion inhibitor. It was shown that adding 2% $NaNO_2$ protects reinforcement metal from corrosion in gas concrete on both gas producers for a minimum of 3-4 months; however, in the presence of Al powder, NH_3 is formed from H_2 and $NaNO_2$ and thus causes a reduction in the protective properties of the

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S/081/63/000/002/033/068
B158/B186

admixture and reduces gas production, so that the use of $NaNO_2$ is not recommended in this case. $NaNO_2$ added to gas concrete on perhydrol is not dangerous. Adding 2% $NaNO_2$ gives reliable corrosion protection for >1 year (under conditions where the samples are wetted and dried).
[Abstracter's note: Complete translation.]

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SMIRNOVA-MUTUSHEVA, M.A.; KAGANOVSKAYA, S.N.; LITINSKIY, Yu.I.; MARKUS, V.D.; SHUL'MAN, E.A.; DOVZHIK, R.M.; FEDOROVA, O.A.

Bacteriological diagnosis of salmonellosis. Lab. delo 8 no.10: 48-49 '62 (MIRA 17:4)

1. Laboratoriya Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii i sanitarno-epidemiologicheskiye stantsii Kalininskogo, Moskvoretskogo i Leninskogo rayonov.

ACC NR: AP6020673 SOURCE CODE: UR/0016/66/000/006/0003/0008

AUTHOR: Khomenko, N. A.; Ol'shevskaya, T. R.; Dovzhik, R. M.; Kiseleva, B. S.

ORG: Moscow Vaccine and Sera Institute (Moskovskiy institut vaktsin i syvorotok im. Mechnikova); Sanitary-Epidemiological Station of the Lenin Region of Moscow (Sanitarno-epidemiologicheskaya stantsiya Leninskogo rayona Moskvy

TITLE: Serological properties of Flexner bacilli isolated in the Soviet Union

SOURCE: Zh mikrobiol, epidemiol i immunobiol no. 6, 1966, 3-8

TOPIC TAGS: human disease, ~~diagnosis of disease~~, serology, serotyping, serological property, flexner bacillus, Shigella flexneri, clinical method, biological classification, SERUM, MICROBIOLOGY, BACTERIA

ABSTRACT:

Various clinical serological methods were employed in the serotyping of 774 Flexner cultures obtained from all parts of the Soviet Union. All 5 *Sh. flexneri* serotypes and their corresponding subtypes as well as x and y variants were included in these cultures. Rare types and atypical types are being studied further. Results of this experiment suggest the

Card 1/2 UDC: 576.851.49.077.3

ACC NR: AP6020673

following amendments to the Shigella classification, which were sent to the International Nomenclature Committee:

1. Add 2 subtypes to Flexner type 5, 5a - antigenic formula v: 3, 4
   5b - antigenic formula v: 7, 8
2. Change subtype 5x- to 5a and 5x+ to 5b.

[W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: 06May65/ ORIG REF: 006/ OTH REF: 006/

DOVZHIK, S. A., and V. I. POLIKOVSKII.

Eksperimental'noe issledovanie modeli dvukhstupenchatoi turbovozdukhoduvki. Moskva, 1935. 59 p., diagrs. (TSAGI. Trudy, no.191)

Summary in English.

Title tr.: Experimental investigation of a model of a two-stage turboblower.

QA911.M65 no.191

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

DOVZHIK, S. A.

Napravliaiushchie apparaty tsentrobezhnykh mashin. Bezlopatochnyi apparat. Moskva. 1937. 40p., illus., diagrs. (TSAGI. Trudy, no. 305)

Summary in English.

Title tr.: Deflectors for centrifugal machines.

QA911.M65 no.305

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

DOVZHIK, S. A.

Napravliaiushchie apparaty tsentrobezhnykh nagnetateiei. Ekasperimental'noe issledovanie lopatochnogo napravliaiushchego apparata na vykhode iz kolesa. Moskva, 1937. 52 p., illus., tables, diagrs. (TSAGI. Trudy, no 331)

Title tr.: Deflectors of centrifugal superchargers. Testing of vane deflector at the wheel.

QA911,M65 no.331

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

DOVZHIK, S.A.

BEYLINA, TS.O., inzhener; BLAGONADEZHDIN, V.Ye., inzhener; BOGUSLAVSKIY, P.Ye., kandidat tekhnicheskikh nauk; VORONKOV, I.M., professor, GITINA, L.Ya., inzhener; GROMAN, M.B., inzhener; GOROKHOV, N.V., doktor tekhnicheskikh nauk [deceased]; DENISYUK, I.N., kandidat tekhnicheskikh nauk; DOVZHIK, S.A., kandidat tekhnicheskikh nauk; DUKEL'SKIY, M.P., professor, doktor khimicheskikh nauk [deceased]; DYKHOVICHNYY, A.I., professor; ZHITKOV, D.G., professor, doktor tekhnicheskikh nauk; KOZLOVSKIY, N.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk; LEVENSON, L.B., professor, doktor tekhnicheskikh nauk [deceased]; LEVIN, B.Z., inzhener; LIPKAN, V.F., inzhener; MARTYNOV, M.V., kandidat tekhnicheskikh nauk; MOLEVA, T.I., inzhener; NOVIKOV, F.S., kandidat tekhnicheskikh nauk; OSETSKIY, V.M., kandidat tekhnicheskikh nauk; OSTROUMOV, G.A.; PONOMARENKO, Yu.F., kandidat tekhnicheskikh nauk; RAKOVSKIY, V.S., kandidat tekhnicheskikh nauk; REGIRER, Z.L., inzhener; SOKOLOV, A.N., inzhener; SOSUNOV, G.I., kandidat tekhnicheskikh nauk; STEPANOV, V.N., professor; SHEMAKHANOV, M.M., kandidat tekhnicheskikh nauk; EL'KIND, I.A., inzhener; YANUSHEVICH, L.V., kandidat tekhnicheskikh nauk; BOKSHITSKIY, Ya.M., inzhener, redaktor; BULATOV, S.B., inzhener, redaktor; GASHINSKIY, A.G., inzhener, redaktor; GRIGOR'YEV, V.S., inzhener, redaktor; YEGURNOV, G.P., kandidat tekhnicheskikh nauk, redaktor; ZHARKOV, D.V., dotsent, redaktor; ZAKHAROV, Yu.G., kandidat tekhnicheskikh nauk, redaktor; KAMINSKIY, V.S., kandidat tekhnicheskikh nauk, redaktor; KOMARKOV, Ye.F., professor, redaktor; KOSTYLEV, B.N., inzhener, redaktor; POVAROV, L.S., kandidat tekhnicheskikh nauk, redaktor; ULINICH, F.R., redaktor; KLORIK'YAN, S.Kh., otvetstvennyy redaktor; GLADILIN, L.V., redaktor;

(Continued on next card)

HEYLINA, TS.O. --- (continued) Card 2.

RUPPENEYT, K.V., redaktor; TERPIGOREV, A.M., glavnyy redaktor; BARABANOV, F.A., redaktor; BARANOV, A.I., redaktor; BUCHNEV, V.K., redaktor; GRAFOV, L.Ye., redaktor; DOKUKIN, A.V., redaktor; ZAIKMIDKO, A.N., redaktor; ZASYAD'KO, A.F., redaktor; KRASNIKOVSKIY, G.V. redaktor; LETOV, N.A., redaktor; ODISHIN, G.L., redaktor; MAN'KOVSKIY, G.I., redaktor; MEL'NIKOV, N.V., redaktor; ONIKA, D.G., redaktor; OSTROVSKIY, S.B., redaktor; POKROVSKIY, N.M., redaktor; POLSTYANOY, G.N., redaktor; SKOCHINSKIY, A.A., redaktor; SONIN, S.D., redaktor; SPIVAKOVSKIY, A.O., redaktor; STANCHENKO, I.K., redaktor; SUDOPLATOV, A.P., redaktor; TOPCHIYEV, A.V., redaktor; TROYANSKIY, S.V., redaktor; SHEVYAKOV, L.D., redaktor; BYKHOVSKAYA, S.N., redaktor izdatel'stva; ZAZUL'SKAYA, V.F., tekhnicheskiy redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor.

[Mining; an encuclopedic handbook] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red. A.M. Terpigorev. Chleny glav.red. F.A. Barabanov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po ugol'noi promysh]. Vol.1. [General engineering] Obshchie inzhenernye svedeniia. Redkollegiia toma S.Kh.Klorik'ian i dr. 1957. 760 p. (Mining engineering) (MLRA 10:10)

10(3) PHASE I BOOK EXPLOITATION SOV/1373

Dovzhik, Samuil Aronovich

Profilirovaniye lopatok osevogo dozukovogo kompressora (Design of Subsonic Axial Compressor Blades) [n.p.] Oborongiz, 1958. 138 p. (Series: Promyshlennaya aerodinamika, vyp. 11) 2,700 copies printed.

Sponsoring Agency: Tsentral'nyy aero-gidrodinamicheskiy institut.

Ed.: Ginevskiy, A.S., Candidate of Technical Sciences; Ed. of Publishing House: Sheynfayn, L.I.; Tech. Ed.: Yevstigneyeva, M.N.; Managing Ed.: Zaymovskaya, A.S., Engineer.

PURPOSE: This book was written for workers of design departments of machine-building plants manufacturing gas turbines for transport and aviation. It may also be useful for students of technical vuzes as a textbook.

COVERAGE: A method is described of designing blades based on the theoretical aerodynamic characteristics of plane cascades of blades in a flow of an ideal incompressible fluid. The influence of the compressibility of the gas is

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taken into consideration by an adequate change of the parameters of the cascade, and by transformation of the velocity of flow before the cascade and after it. Viscosity is accounted for by a coefficient which characterizes the deviation of the real direction of the flow past the cascade from the direction of flow past the cascade of an ideal fluid. The possibility of determining this coefficient is shown based on methods of the theory of the boundary layer which establishes a connection among the distribution of pressure along the blade airfoil, the parameters of the boundary layer in the rear part of the airfoil and the actual characteristics of the cascade. Results of some experimental investigations of a plane cascade of blades are given, as well as the results of an investigation of the distribution of pressure, lifting force, and drag of drained blades of the rotor of the compressor. The book describes an approximate method for determining power characteristics of a compressor stage according to the known radial characteristics of the cascade which represent the active portion of the rotor. E.L. Blokh and A.S. Ginevskiy, who took part in the elaboration of the method of blade design, assisted in the writing of this book. Chapter III was written jointly with A.S. Ginevskiy. The author thanks L.A. Simonov, G. I. Maykapar and K.A. Ushakov for valuable editorial comments, and G.S. Khovanskiy and G.Ye. Dzhinsashvili, scientific workers of the Computing Center of the Academy of Science, USSR, for their help in the preparation of nomograms.

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Design of Subsonic Axial Compressor (Cont.) SOV/1373

It is stated that K.V. Kholshchevnikov, L.Ye. Ol'shteyn and V.G. Protserov, I. I. Kirillov, A.G. Mamikonov elaborated A. Howell's method (Fluid Dynamics of Axial Compressors. Proc. Inst. Mech. Eng. Vol. 113, Nr 12, 1945) of blade design, and that L.A. Simonov elaborated a theoretical method of blade design. The bibliography consists of 34 references in footnotes, 25 of which are Soviet, 6 English, 2 German and one Italian.

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4-10-59

SOV/24-59-1-7/35

AUTHORS: Ginevskiy, A.S., and Dovzhik, S.A., (Moscow)

TITLE: Experimental Determination of the Pressure Loss in the Rotating Vanes of Axial Compressors (Eksperimental'noye issledovaniye poter' davleniya vo vrashchayushchemsya kolese osevogo kompressora)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, Energetika i Avtomatika, 1959, Nr 1, pp 45-52 (USSR)

ABSTRACT: In this paper, the results are described of experimental investigation of the pressure loss in the rotating vanes of an axial compressor at low circumferential speeds. On the basis of measurement of the total pressure by means of a radial Pitot rake rotating together with the vanes, the structure was investigated of the losses in the space between the rotating vanes and certain quantitative data were obtained which characterise the total magnitude of the complete pressure loss as well as the distribution of the losses along the radius within a wide range of operating regimes. The work was performed on an axial compressor of 600 mm outer diameter, 300 mm inner diameter, delivering air in an axial direction. The vane

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profile was altered to give constant circulation along the radius; full details are given of the vane profile. Measurements of total head were made, using a Pitot rake rotating with the vanes and capable of measuring pressure at 18 different radial positions simultaneously, i.e. covering the space between the roots of the blades and the casing. Insufficient detail is given of the method of measurement, manometer connections etc. The equipment allows a complete picture of the total pressure in the region between the blades to be built up and the measurements are expressed in a non-dimensional form. $\Delta p_0 = p_{01} - p_{02}$ is the total pressure in front of the vane in relative motion; p_{02} is the total pressure behind the vane.

$$\Delta h = \Delta p_0 / \rho u_R^2 \qquad (2)$$

where ρ is the air density, u_R is the circumferential speed at the outer radius of the wheel; the mean value

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of the loss coefficient at a given radius, ΔH can be determined by means of the following equation:

$$\Delta H = \frac{1}{\varphi_0} \int_0^{\varphi_0} \Delta h(\varphi) d\varphi \quad \left(\varphi_0 = \frac{2\pi}{z} k \right) \qquad (3)$$

where k is the number of spaces between vanes. Thus, the pressure loss coefficient for all radii for any working condition is given by:

$$\sum \Delta H = \frac{1}{J} \int_0^{\bar{r}'} \Delta H (r') \, c_a'(r') r' dr' \; ; \quad c_a' = \frac{c_a}{u_R}$$

where c_a is the absolute flow velocity in the vane. Eq (5) expresses the flow rate coefficient c'_{a0} and for a series of c'_{a0} values the theoretical head H_T is calculated and also the coefficient of the total head H. The Reynolds number, based on the relative flow

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Experimental Determination of the Pressure Loss in the Rotating Vanes of Axial Compressors

velocity in the wheel, is 2×10^5. Fig 2 shows the structure of the head loss Δh over the vanes at different radii, ranging from the vane tip to close to the root. There is much more variation in these extreme regions. Fig 3 shows polar plots of the head loss for different working conditions. Over most of the region Δh is practically zero but increases in the space between successive vanes due to profile loss and friction of air on blade surfaces. There is also some loss over the radial gap between the blade tip and the casing, while at the root section the pressure loss is not only due to friction of the air on the hub surface but also due to the two boundaries formed by the blades and the hub with the associated secondary flow losses. A brief discussion is given of the factors influencing this head loss, mainly concerned with the angle of attack of the blades and the boundary layer thickness. Fig 4 shows the variation of head loss with radius in different working conditions. In conclusion, an attempt is made to

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divide up the losses which occur over the vane. Fig 5 shows the total $\sum\Delta H$ divided into the profile loss: 1) end flow and secondary flow loss; 2) output loss; 3) it is evident that the profile loss makes up 50 to 55% of the total. Fig 6 shows the efficiency variation with working conditions. There are 6 figures and 6 references of which 2 are Soviet, 1 English and 3 German.

SUBMITTED: 22nd August 1958

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S/632/61/000/020/001/008
D234/D308

AUTHORS: Dovzhik, S. A. and Ginevskiy, A. S.

TITLE: Pressure losses in blade rims of an axial infrasonic compressor

SOURCE: Moscow. Tsentral'nyy aero-gidrodinamicheskiy institut, Promyshlennaya aerodinamika. no. 20, 1961. Osevyye dozvukovyye kompressory statsionarnogo tipa, 5-56

TEXT: The results are given of an experimental investigation of pressure losses in the inlet (directing) device and in the working wheel of the compressor. The structure of pressure losses was studied at stream velocities c_a = 40 - 60 m/sec; the values of loss coefficients for the directing device were plotted against the radius, the axial velocity and the Re number; the power coefficient and the full pressure coefficient of the working wheel against the radius and the flow coefficient. On the basis of these results formulas determining separate components of the losses are impro-

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ved and more accurate values are found for coefficients occurring there. A method of constructing a pressure characteristic of a stage is described; characteristics of several single-stage compressors determined with its aid are compared with experimental characteristics. It is concluded that the method is suitable as a first approximation. A. I. Morozov and several others are mentioned for their participation in the study, G. Yu. Stepanov for discussion, A. D. Kochergin and Yu. N. Kurzanov for designing part of the equipment. There are 41 figures, 4 tables and 23 references.

S/632/61/000/020/002/008
D234/D308

26.2120

AUTHOR: Dovzhik, S. A.

TITLE: Experimental investigation of two single-stage compressors in a wide range of Reynolds' numbers

SOURCE: Moscow. Tsentral'nyy aero-gidrodinamicheskiy institut. Promyshlennaya aerodinamika. no. 20, 1961, Osevyye dozvukovyye kompressory statsionarnogo tipa, 57-74

TEXT: One of the compressors was characterized by axial direction of flow at the inlet of the working wheel and the outlet of directing device, the other by 100% reaction. The usual dependences were plotted. The Reynolds' number range was between 10^5 (or less) and 4×10^5. The results are found to agree with data published by other authors. Graphs of the dependence of adiabatic efficiency and the coefficient of profile resistance on Re are given, as well as those of the dependence of the coefficient characterizing the effect of viscosity on deviation of flow on Re, the power coefficient on the reduced number Re/Re_0 (Re_0 being determined specially

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for every compressor), and the adiabatic efficiency on Re/Re_0, the latter also for several multi-stage compressors. There are 14 figures and 9 references.

VB

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S/632/61/000/020/004/008
D234/D308

AUTHOR: Dovzhik, S. A.

TITLE: Effect of blade undercutting on the properties of compressors

SOURCE: Moscow. Tsentral'nyy aero-gidrodinamicheskiy institut. Promyshlennaya aerodinamika. no. 20, 1961. Osevyye dozvukovyye kompressory statsionarnogo tipa, 82-88

TEXT: The author concludes from the theory that the dependence of power coefficient $\bar{H}_t$ on the flow coefficient $\bar{c}_a$ will become steeper if a part of root sections of the blades is removed (undercutting from below) and less steep if parts of peripheral sections are removed (undercutting on the top). This was confirmed by experiment on a working wheel having an external diameter of 600 mm at low peripheral speeds; corresponding graphs of $\bar{H}_t(\bar{c}_a)$ are given. It is also concluded that a multi-stage compressor composed from the

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Effect of blade ... S/632/61/000/020/004/008
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equal stages utilizing blade undercutting would have narrower working range and lower efficiency when compared with the one composed from stages differing by blade profiles. The conclusion is confirmed by results given by A. Carter. There are 5 figures.

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S/632/61/000/020/006/008
D234/D308

26.2120

AUTHORS: Dovzhik, S. A. and Morozov, A. I.

TITLE: Experimental investigation of ring diffusors of axial turbine engines

SOURCE: Moscow. Tsentral'nyy aero-gidrodinamicheskiy institut. Promyshlennaya aerodinamika, no. 20, 1961. Osevyye dozvukovyye kompressory statsionarnogo tipa, 168-201

TEXT: The purpose of the investigation was to ascertain the effect of geometrical parameters of the diffusors on their efficiency. Apart from radial and axial ring diffusors, combined radial-axial ones are studied. The effect of non-uniform distribution of velocities in the inlet section on the properties of diffusors is specially considered; each diffusor tested under conditions of uniform flow was also tested together with a compressor in a wide range of regimes of the latter, and the results were compared. The stream velocity c_a was 20 to 60 m/sec in all experiments. Possi-

Card 1/2

BELIKOVA, V.D., kandidat meditsinskikh nauk; BLYUMEL', N.F.; MITROFANOVA, Ye.B.; SOLOV'YEVA, N.A.; DOVZHIK, R.M.

Effect of sanitary conditions on dysenterial reinfection in special nurseries. Gig. i san. 21 no.6:48-51 Je '56. (MLRA 9:8)

1. Iz kafedry epid. I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(DYSENTERY, BACILLARY, in infant and child, reinfect. in nurseries (Rus))

BALAT'YEV,P.K., kandidat tekhnicheskikh nauk; SOROKER,V.I., kandidat tekhnicheskikh nauk; KAYSER.L.A., inzhener;DOVZHIK,V.G., inzhener

For further progress in the construction industry. Bet. i zhel.-bet. no.6:193-197 S '55. (MLRA 8:9)
(Construction industry)

BALAT'YEV,P.K., kandidat tekhnicheskikh nauk; SOROKER,V.I., kandidat tekhnicheskikh nauk; KAYSER,L.A., inzhener; DOVZHIK,V.G., inzhener

High-strength concrete mixtures in the production of reinforced concrete elements. Bet. i shel.-bet. no.6:197-203 S '55.
(Precast concrete) (MLRA 8:9)

DOVZHIK, V. G.

SOROKER, V.I., doktor tekhnicheskikh nauk; DAYN, A.I., kandidat ekonomicheskikh nauk; DOVZHIK, V.G., inzhener.

Screened crushed-stone concrete for reinforced concrete products plants. Bet.i zhel.-bet. no.9:320-323 S '56. (MLRA 9:10)
(Reinforced concrete)

DOVZHIK, V.G.

AUTHORS: Vaynshtok, I.S., and Dovzhik, V.G., Engineers 28-6-10/40

TITLE: Checking the Compactness of Concrete Mixture by Gamma-Rays (Proverka uplotneniya betonnoy smesi s pomoshch'yu gamma-luchey)

PERIODICAL: Standartizatsiya, 1957, # 6, pp 38 - 40 (USSR)

ABSTRACT: Investigation results and the new experimental devices for observing the compactness of concrete, devised at the Scientific Research Institute for Reinforced Concrete (VNIIZhelezobeton), are described.

A direct dependence was found between the bulk weight of concrete mixture (i.e. its degree of density) and the quantity of gamma-ray impulses counted by Geiger-Mueller counter. Cobalt 60 and iridium 137 were used in investigations. It was found that iridium 137 is more sensitive to the changes in density of concrete and hence gives a more accurate indication.

Tests with the device "Cactus", working with a needle-indicator, confirmed that the Geiger-Mueller counter and the ionization chamber do not possess the necessary high sensitivity for a needle-indicator. The scintillation crystal with photo-amplifier, which is much more sensitive,

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is considered to be a suitable transforming device for this purpose. It has a dead time of about 0.1 micron/sec and enables registration of nearly 100% of the incoming gamma quanta.

The physical essence of the scintillation transformers consists in scintillation of some crystals in the form of flare-ups under impinging radioactive rays. These flare-ups are registered by the electronic photo-amplifier and conducted to an electronic mechanism with a writing needle-galvanometer. A drawback of this device is that it requires highly-skilled operators. A simpler device is at present under development. Doctor of Technical Sciences V.I. Soroker and Engineer L.A. Kayser participated in the experimental work.

There are 3 diagrams.

ASSOCIATION: VNIIZhelezobeton

AVAILABLE: Library of Congress

Card 2/2 1. Industry-USSR 2. Concrete-Test methods

DOVZHIK, V.G.

AUTHOR: Dovzhik, V. G. Engineer 97-10-10/14

TITLE: Selection of Concrete Mixes of Given Consistences. (O podbore sostava betonnoy smesi zadannoy konsistentsii).

PERIODICAL: Beton i Zhelezobeton, 1957, Nr.10. pp.412 - 413.(USSR).

ABSTRACT: Observations show that vibrated concrete mixes when used with additional water and cement in a viscosimeter do not readily mix with these additives, and tend to retain their original consistency. The position is somewhat improved when additional aggregate are added to stiffen the consistency of the mix. The water requirement is difficult to assess as in the case of stiff mixes it depends on the properties of the materials used. Even more important is the gradation of aggregates, especially sand. All tables giving water requirements are inaccurate without preliminary tests of materials. Investigations carried out by the author in the laboratories of VNII Zhelezobeton proved that a definite relationship exists between the stiffness of the mix assessed by the technical viscosimeter used according to the instructions of Gosstroy, USSR (U 110-56) and its water content. The given formulae illustrate this point, and permit the stiffness of the mix to be plotted graphically against the water content.

Card 1/2

Selection of Concrete Mixes of Given Consistences. 97-10-10/14

This makes it possible to determine with adequate accuracy the water requirements of mixes prepared from given materials. An example of the use of the graph in practice is given. This method could also be used in the case of plastic concrete mixes, since there is a definite relationship between the water content of the mix and the slump value of known materials as proved by the graph of Prof. S. A. Mironov. When repeating the experiment with a different water content, a straightforward change in the quantity of water to make up the required percentage is inadequate, and it is necessary to adjust the formulae by taking into account changes in the volume of the aggregate. There is one Graph.

AVAILABLE: Library of Congress.

Card 2/2 1. Concrete-Preparation

SOROKER, Vitaliy Il'ich, doktor tekhn.nauk; DOVZHIK, Viktor Grigor'yevich, inzh.; IVANOV, F.M., nauchnyy red.; KRUGLOV, S.A., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

[Using stiff concrete mixes in producing precast reinforced concrete] Zhestkie betonnye smesi v proizvodstve sbornogo zhelezobetona. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1958. 205 p. (MIRA 12:3)
(Concrete) (Precast concrete)

LOVZHIK, V. A., Cand Tech Sci — (diss) "Investigation of hardened concrete mixtures," Moscow, 1960, 17 pp (Scientific Research Institute of Concrete and Reinforced Concrete, Academy of Construction and Architecture USSR) (KL, 40-60, 122)

VAYNSHTOK, Izmail Samuilovich; BALAT'YEV, P.K., kand. tekhn. nauk, red.; DOVZHIK, V.G., kand. tekhn. nauk, nauchnyy red.; SHPAYER, A.L., red. izd-va; RUDAKOVA, N.I., tekhn.red.

[Electronics in the manufacture of precast concrete] Radioelektronika v proizvodstve sbornogo zhelezobetona. Pod red. P.K.Balat'eva. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 155 p. (MIRA 15:2)

1. Zamestitel' direktora po nauchnoy rabote Nauchno-issledovatel'skogo instituta zhelezobetonnykh izdeliy stroitel'nykh i nerudnykh materialov (for Balat'yev).
(Precast concrete) (Electronics)

DOVZHIK, V.G.; KAYSER, L.A.; KUZNETSOVA, M.N., red.

[Construction and insulation keramzit concrete in large-panel building; technology and manufacturing practices] Konstruktivno-teploizoliatsionnyi keramzitobeton v krupnopanel'nom domostroenii; tekhnologiia i opyt proizvodstva. Moskva, Stroiizdat, 1964. 179 p. (MIRA 17:5)

SOROKER, Vitaliy Il'ich, doktor tekhn.nauk, prof.; DOVZHIK, Viktor Grigor'yevich, kand. tekhn. nauk

[Stiff concrete mixes in producing precast reinforced concrete] Zhestkie betonnye smesi v proizvodstve sbornogo zhelezobetona. Izd.2., perer. i dop. Moskva, Stroiizdat, 1964. 306 p. (MIRA 18:1)

DOVZHIKOV, A. Ye.

VOZNESENSKIY, D.V.; AMELANDOV, A.S.; GEYSLER, A.N.; GOLUBYATNIKOV, V.D.; [deceased]; DOMAREV, V.S.; DOMINIKOVSKIY, V.N.; DOVZHIKOV, A.Ye.; ZAYTSEV, I.K.; IVANOV, A.A ; ITSIKSON, M.I.; IZOKH, E.P., KNYAZEV, I.I.; KORZHENEVSKAYA, A.S.; MISHAREV, D.T.; SEMENOV, A.I.; MOROZENKO, N.K.; NEFEDOV, Ye.I.; RADCHENKO, G.P.; SERGIYEVSKIY, V.M.; SOLOV'YEV, A.T.; TALDYKIN, S.I.; UNKSOV, V.A.; KHABAKOV, A.V.; TSEKHOMSKIY, A.M.; CHUPILIN, I.I.; SHATALOV, Ye.T., glavnyy redaktor; KRASNIKOV, V.I., redaktor; MIRLIN, G.A., redaktor; RUSANOV, B.S, redaktor; POTAPOV, V.S., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor.

[Instructions for organization and execution of geological surveys in scales of 1:50,000 and 1:25,000] Instruktsiia po organizatsii i proizvodstvu geologo-s"emochnykh rabot masshtabov 1:50,000 i 1:25,000. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1956. 373 p. (MLRA 10:6)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. (Geological surveys)

DOVZHIKOV, A.Ye.

Main features of the geological structure of the central region of Kokshaal-Tau. Mat.VSEGEI no.10:5-14 '56. (MIRA 10:1)
(Kokshaal-Tau--Geology, Structural)

LOGINOV, Sergey Petrovich; TOLKACHEV, Mikhail Petrovich; DOVZHIKOV, Ye.D., retsenzent; SATANOVSKIY, Ya.S., retsenzent; DORMIDONTOV, F.K., otv. red.; FRUMKIN, P.S., tekhn. red.

[Calculation methods in shipbuilding] Metody kal'kuliatsii v sudostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 187 p. (MIRA 14:8)
(Shipbuilding—Accounting)

83152

2101 2701
9.2580 2201 3001
2301

S/108/60/015/009/004/008
B002/B067

AUTHOR: Dovzhikov, Ye. Ye., Member of the Society

TITLE: The Effect of the Parameters of a Semiconductor Blocking Oscillator on the Form of Its Pulses

PERIODICAL: Radiotekhnika, 1960, Vol. 15, No. 9, pp. 40-46

TEXT: Block oscillators with a transistor may be used for generating pulses with large reciprocal of the pulse duty factor. Theoretically, this problem has not yet been sufficiently studied. In the present paper, the author describes a theoretical study of the performance of a blocking oscillator with a transistor (Fig. 1a). S. A. Drobov's method of analyzing oscillators with discontinuous oscillations is used for this purpose. Formulas are deduced for the oscillations, for the lines of the initial conditions and of the jump, for the phase plane of pulse formation, and for the reciprocal of the pulse duty factor of the pulse oscillations. As was shown by experimental studies, the given formulas allow a determination of the parameters for circuits of semiconductor blocking oscillators with sufficient technical accuracy. There are 3 figures and 3 references:

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83152

The Effect of the Parameters of a Semiconductor Blocking Oscillator on the Form of Its Pulses

S/108/60/015/009/004/008
B002/B067

2 Soviet.

SUBMITTED: June 14, 1957 (initially)
June 30, 1959 (after revision)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi im A.S. Popova

Card 2/2

ROZENFEL'D, Vitaliy Yevgen'yevich, doktor tekhn. nauk, prof.;
STAROSKOL'SKIY, Nikolay Aleksandrovich, kand. tekhn. nauk, dotsent;
DOVZHIN, Vladimir Iosifovich, aspirant [deceased]

Control of high-frequency mine locomotive using magnetic amplifiers.
Izv. vys. ucheb. zav.; elektromekh. 8 no.11:1294-1299 '65.
(MIRA 19:1)

DOVZHUK, A.Ya., Cand Tech Sci—(diss) "Study of the performance of slide bearings ~~in alternating~~ under varied loads." Khar'kov, 195?. 13 pp with ill (Min of Higher Education UkSSR . Khar'kov Polytech Inst im V.I.Lenin), 150 copies (KL,45-58, 147)

AUTHOR: Dovzhuk, A.Ya., Engineer SOV/122-58-7-10/31

TITLE: Investigation of the Operation of Sliding Bearings at Variable Loads (Issledovaniye raboty podshipnikov skol'-zheniya pri peremennykh nagruzkakh)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 7, pp 37-39 (USSR)

ABSTRACT: An experimental study of sliding bearings in operation with forced lubrication at pulsating loads, carried out at the Khar'kovskiy politekhnicheskiy institut (Khar'kov Polytechnical Institute) imeni V.I. Lenina is reported. A DC motor directly drives the test shaft, supported in self-aligning bearings. The test bearing lies between the supporting bearings and can be hydraulically loaded. A twin-plunger pulsator is driven by a separate motor and introduces a pulsating load. The 76 mm diameter bearing has a length of 100 mm. The load, friction torque, oil-film thickness, oil temperature and shaft speed were measured and recorded. Different bearing clearances were used. The oil-film thickness was measured by an inductive method using a ferro-resonance stabilised voltage, an auto-transformer, a measuring and a compensating transmitter which constitute transformers with a gap in the magnetic circuit. The oscillograph coil is connected in

Card1/2

Investigation of the Operation of Sliding Bearings at Variable Loads

the secondary transmitter coil circuit. Two measuring transmitters are installed at 90° in the lower bearing insert. A polar presentation of the floating position of the shaft centre is given in Figure 4 applicable to starting conditions at 300 kg load (constant). The starting torque corresponded to a friction coefficient of 0.11. At 600 rpm the coefficient dropped to 0.01 - 0.012. Figure 5 shows the variation of the relative eccentricity (actual eccentricity divided by the bearing clearance) with time under a pulsating load. The eccentricity fluctuates slightly with a maximum displaced in phase against the load maximum. The friction coefficient changes little with the frequency of pulsation. It amounts to 0.003 at 650 rpm and 0.005 at 1 000 rpm. The constant load equivalent to a pulsating load in producing the same floating shaft position is intermediate between the minimum and maximum pulsating load peaks. There are 5 figures.

DOVZHUK, A.Ya., assistent

Selecting design load for sliding bearings. Izv.vys.ucheb. zav.; mashinostr. no.2:70-74 '59. (MIRA 13:3)

1. Khar'kovskiy politekhnicheskiy institut im. V.I.Lenina.
(Bearings (Machinery))

S/110/60/000/011/004/012
E194/E484

AUTHORS: D'yachenko, S.K., Candidate of Technical Sciences, Bogdanov, O.I., Candidate of Technical Sciences, Dovzhuk, A.Ya., Engineer and Tokar', I.Ya., Engineer

TITLE: An Experimental Study of Annular (Hydrogen) Seals on a Turbo-Generator Shaft Having a Conical Bearing Surface

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.11, pp.41-43

TEXT: The bearing surfaces of annular seals usually consist of separate fixed sectors and contain surfaces that slope to the direction of motion and also areas parallel to the thrust block, see Fig.1. These shapes have to be made by hand which is rather inaccurate. An article by Tokar' in Vestnik elektropromyshlennosti No.6, 1960 described annular seals with bearing surface of conical shape, that is with a wider gap at the small diameter than at the large, see Fig.2. The previous work showed that although there is no slope in the direction of the motion, the conical oil film can withstand considerable loads. The object of the present article was to check the correctness of the calculations given in the previous article and to establish the reliability of the seal. The Elektrotyazhmash Works built a rig to test the glands for a

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S/110/60/000/011/004/012
E194/E484

An Experimental Study of Annular (Hydrogen) Seals on a Turbo-Generator Shaft Having a Conical Bearing Surface

turbo-alternator of 200 MW, the main dimensions are given. The measurement procedure is described. The oil flow and the temperature were measured. The oil pressure was measured at inlet to the seal and in the circular channel, see Fig.2. The induction method with U-shaped transformer type transducers was used to measure the minimum oil film thickness, the arrangement is shown in Fig.3. The circuit used to measure the oil film thickness is shown in Fig.4. The method of measurement is independent of the temperature of the medium surrounding the inductive transducers. A calibration curve for the instrument is given in Fig.5. It will be seen that the sensitivity of the circuit is about 1 micron in the thickness range up to 30 microns and 2.5 microns in the range up to 150 microns. The main tests were made with a gas pressure inside the frame of 3 atm with a spring pressure of 100 kg and the results are tabulated. The minimum film thickness with a gas (hydrogen) pressure of 3.2 kg/cm^2 and oil pressure of 3.6 kg/cm^2 was 0.12 mm. The agreement between calculated and experimental values is satisfactory and

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S/110/60/000/011/004/012
E194/E484

An Experimental Study of Annular (Hydrogen) Seals on a Turbo-Generator Shaft Having a Conical Bearing Surface

accordingly the formulae given in the previous article are recommended for practical use. There are 5 figures, 1 table and 2 Soviet references.

SUBMITTED: May 25, 1960

Card 3/3

TOKAR', I.Ya., kand.tekhn.nauk; D'YACHENKO, S.K., kand.tekhn.nauk;
BOGDANOV, O.I., kand.tekhn.nauk; DOVZHUK, A.Ya., inzh.

Concerning the design of the end seals of a turbogenerator rotor. Vest. elektroprom. 32 no.5:68-70 My '61. (MIRA 15:5)
(Turbogenerators)

BOGDANOV, O.I., kand.tekhn.nauk; DOVZHUK, A.Ya., kand.tekhn.nauk;
D'YACHENKO, S.K., kand.tekhn.nauk

Device for controlling the thickness of the oil film in slide bearings. Elektrotekhnika 35 no.4:45-46 Ap '64. (MIRA 17:4)

DOVZHUK, G.T.

Electric monitor for expanded joints. Mash. i neft. obor. no.7:21-22 '63. (MIRA 17:1)

1. Glavnoye upravleniye komplektnoy postavki metallurgicheskogo, energeticheskogo i neftekhimicheskogo oborudovaniya.

DOVZHUK, G. T.

Compressors

Cooling of gas motor compressors. Energ. biul. No. 2, 1952

SO: Monthly List of Russian Accessions, Library of Congress, Mar 1952 1953, Uncl.

DOVZHUK, G. T.

AID P - 2794

Subject : USSR/Engineering

Card 1/2 Pub. 28 - 3/13

Author : Dovzhuk, G. T.

Title : Water treatment in circulating watersupply system of refineries

Periodical : Energ. byul. 8, 8-10, Ag 1955

Abstract : Until recently, blowing out (bubbling) has been the only process used against scale formation in the heat exchange apparatus at refineries with water circulation systems. This process is considered unsatisfactory. The author suggests the chlorination of cooling water or the parkerizing of the circulating water, or their combined use, as periodic measures to avoid excessive sediment formation in piping and apparatuses. He refers to the Ural petroleum refinery and some heat and electric power plants, where such practices have been in effect for some time, and mentions a Richfield (USA) refinery, where a solution of sulfur acid

AID P - 2794

Energ. byul. 8, 8-10, Ag 1955

Card 2/2 Pub. 28 - 3/13

and chlorine is used for the purpose of neutralization of water.

Institution : Ufa Scientific Research Institute (UFNII).

Submitted : No date

DOVZHUK, G.T.

Eliminating defects in air preheaters of industrial furnaces; an open discussion. Energ. biul. no.11:29-31 N '56. (MLRA 9:12)
(Air preheaters)

DOVZHUK, G. T.

Double-circulation low-capacity boilers. Energ. biul. no.5:28-30 My '57. (MLRA 10:6)

(Germany, East--Boilers)

ARAKELOV, A.S.; BORISOV, V.A.; GAL'PERIN, I.I.; GUREVICH, A.G.; DOVZHUK, G.T.; PARSHIN, R.N.; SOKOLOVSKIY, S.M.; SELIKHOV, V.L., SHIFRIN, D.L.; ETKIN, M.V.; GET'YE, V.A., red.toma; YELIN, V.I., red.toma; SOLDATOV, K.N., red.toma; SVYATITSKAYA, K.P., vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Equipment used in the petroleum industry] Neftianoe oborudovanie; v shesti tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. Vol.1. [Compressors and pumps] Kompressory i nasosy. 1958. 234 p. (MIRA 12:5)
(Petroleum industry--Equipment and supplies)
(Pumping machinery) (Compressors)

DOVZHUK, Georgiy Timofeyevich, inzh.; IVANETS, Konstantin Yakovlevich; ANASTAS'IN, Valentin Fedorovich; VRONSKIY, L.N., ved. red.; VOROB'YEVA, L.V., tekhn. red.

[Equipment for oil and gas refineries and principles of its design] Oborudovanie neftegazopererabatyvaiushchikh zavodov i osnovy ego rascheta. Moskva, Gostoptekhizdat, 1962. 343 p. (MIRA 15:3)
(Petroleum refineries--Equipment and supplies)

LEYBO, Anatoliy Nikanorovich; KHESIN, Emmanuil Borisovich; CHERNYAK, Yakov Solomonovich; SEVAST'YANOV, M.I.; DOVZHUK, G.T.; SOLGANIK, G.Ya., ved. red.; VORONOVA, V.V., tekhn. red.

[Handbook for petroleum refinery mechanics] Spravochnik mekhanika neftepererabatyvaiushchego zavoda. Moskva, Gostoptekhizdat, 1963. 801 p. (MIRA 16:7)
(Petroleum--Refining)

DOYNOV, M.; TANEV, T.; MIKHAYLOV, St.; BANKOV, St.

Cozarthrosis — multi-stage and combined therapy. Suvr. med. (Sofiia) 15 no.11:3-12 '64.

DOWGIALLO, A.; FISCHER, E.

Chemical and microbiological identification of the biolet water-coloring agent in a pool of Puszcza Kampinoska. Polskie arch hydrobiol 7:159-170 '60. (EEAI 10:3)
(Poland--Water) (Chemistry) (Microbiology)

DOWGIALO, Boleslaw, inz.

Pulling-in semaphores for block sections. Przegl kolej elektrotech 14 no.3:94- 3 of cover Mr '62.

DOWGIALLO, J.

In vivo staining of blood. Polski tygod. lek 7 no.7-8:203-210 18 Feb 1952. (CLML 22:2)

DOWGIALLO, Kazimierz; KAMINSKI, Zbigniew; RUTKOWSKI, Lucjan

Speech defects in school children. Polski tygod. lek. 1653-1656 7 Sept 59.

1. (Z Wojewodzkiej Przychodni Higieny Szkolnej w Gdansku; dyrektor: Witold Mieroslawski).
(SPEECH DISORDERS, in inf. & child)

DOWGIALLO, Maria

Neurological manifestations in the most frequent forms of poisoning. Wiadomosci lek. 7 no.6:333-340 June 54.

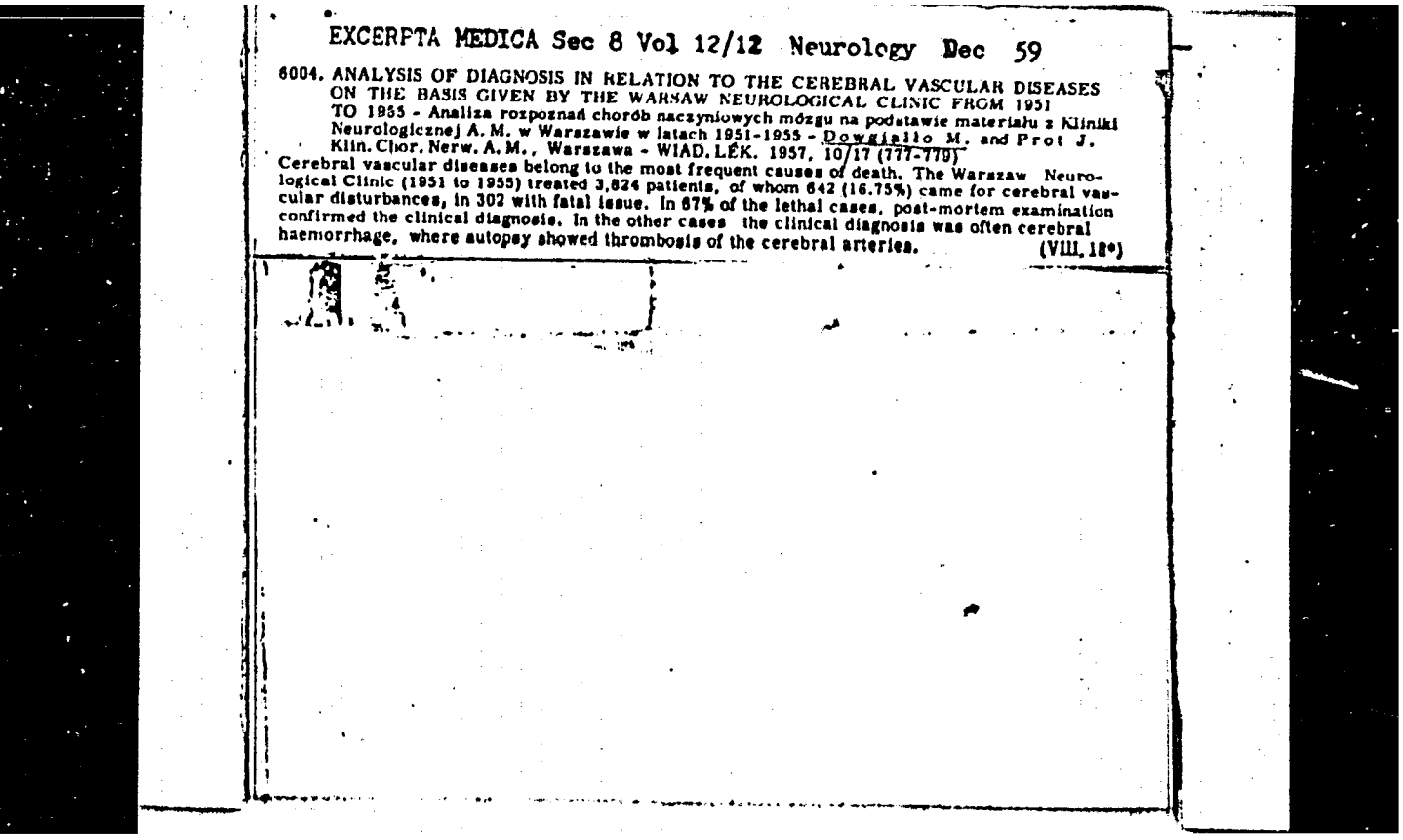
(POISONING, manifestations, nervous system)
(NERVOUS SYSTEM, in various diseases, pois.)

DOWGIALLO, M.

JAKIMOWICZ, Wladyslaw; BANACHOWSKA, F., (Gdansk); DOBROWOLSKA, B. J.; GOLDSZTAJN, M., (Krakow); CZARSKI, Z., (Lublin); KUBERSKI, Z.; SULAT, H.; SZULC, J., (Lodz); ZIETKIEWICZ, W.; SIEDEL-KOLODZIEJOWA, A., (Poznan); MICHALOWICZ, R., (Szczecin); DOWGIALLO, M.; PUCILOWSKA, K., (Warszawa); GAJ, J., (Wroclaw); CHLOPICKI, Wl., (Zabrze).

Diagnostic statistics from neurological clinics during 1953. Neur. &c. polska 6 no.4:479-486 July-Aug 56.

(NERVOUS SYSTEM, dis.
diag. statist. (Pol))



EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

6004. ANALYSIS OF DIAGNOSIS IN RELATION TO THE CEREBRAL VASCULAR DISEASES ON THE BASIS GIVEN BY THE WARSAW NEUROLOGICAL CLINIC FROM 1951 TO 1955 - Analiza rozpoznań chorób naczyniowych mózgu na podstawie materiału z Kliniki Neurologicznej A. M. w Warszawie w latach 1951-1955 - Dowgiallo M. and Prof J. Klin. Chor. Nerw. A. M., Warszawa - WIAD. LEK. 1957, 10/17 (777-779)

Cerebral vascular diseases belong to the most frequent causes of death. The Warszaw Neurological Clinic (1951 to 1955) treated 3,824 patients, of whom 642 (16.75%) came for cerebral vascular disturbances, in 302 with fatal issue. In 67% of the lethal cases, post-mortem examination confirmed the clinical diagnosis. In the other cases the clinical diagnosis was often cerebral haemorrhage, where autopsy showed thrombosis of the cerebral arteries. (VIII, 18*)

DOWGIALLO, Maria

Blow with a piece of wood of the upper wall of the orbit with the perforation of the dura mater and injury of the frontal lobe. Neurologia etc. polska 11 no.5:717-719 '61.

1. Z Oddzialu Neurologicznego Wojskowego Instytutu Medycyny Lotniczej.
(ORBIT wds & inj) (FRONTAL LOBE wds & inj)
(DURA MATER wds & inj)

[redacted]SKA, Maria; DOWGIALLO, Maria

Co-existence of syringomyelia with congenital abnormalities of the spine. Polski tygod. lek. 16 no.11:389-392 13 Mr '61.

1. Z Kliniki Neurologicznej A.M. w Warszawie; kierownik: prof. dr I. Hausmanowa-Petrusewicz.

(SYRINGOMYELIA compl) (SPINE abnorm)

DOWGIALLO, Maria; PUGILOWSKA, Krystyna; PAWLAK, Zdzislaw

2 cases of trichinosis of the central nervous system.
Neurol. neurochir. psychiat. pol. 13 no.3:369-371 '63.

1. Z Oddzialu Neurologicznego Wojskowego Instytutu Medycyny Lotniczej w Warszawie.
(TRICHINOSIS) (BRAIN DISEASES)

DOWGIALLO, Zbigniew

Intravenous application of novocain in surgical ambulatorium. Wiadomosci lek.8 no.6:281-286 June '55.

1. I Klinika Chirurgiczna A.M. w Lodzi. Kierownik Prof. dr. M. Stefanowski.
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surg.dis.,intravenous admin.)

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